



CEB Simple Plates

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TOOLS:

- [Drill press \(1\)](#)
- [Welder \(1\)](#)
- [hole puncher \(1\)](#)

SUMMARY

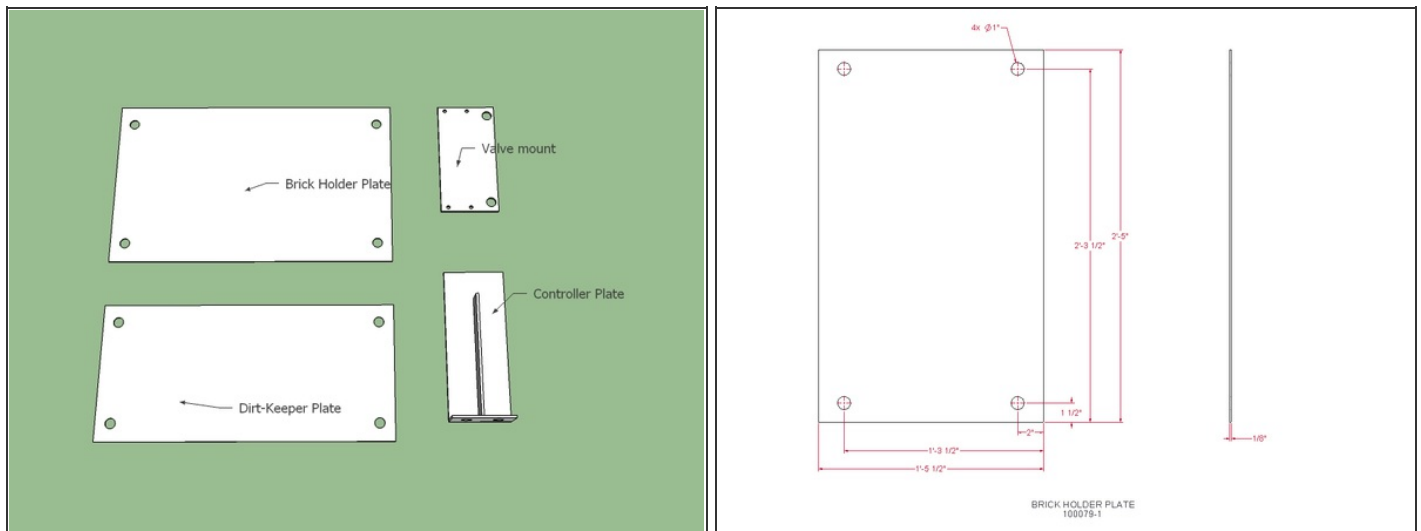
Materials Needed:

Steel:

.25x2 Flat: 12" (1) – Controller Mount .25x3 Flat: 6"(1) Controller Mount Bottom Piece .25x6 Flat: 12" (1) Valve Mount
.25x6 Flat: 15" (1) Controller Mount .125x29x13.5 Sheet (1) Dirt Keeper Plate .125x29x17.5 Sheet (1) Brick Holder Plate

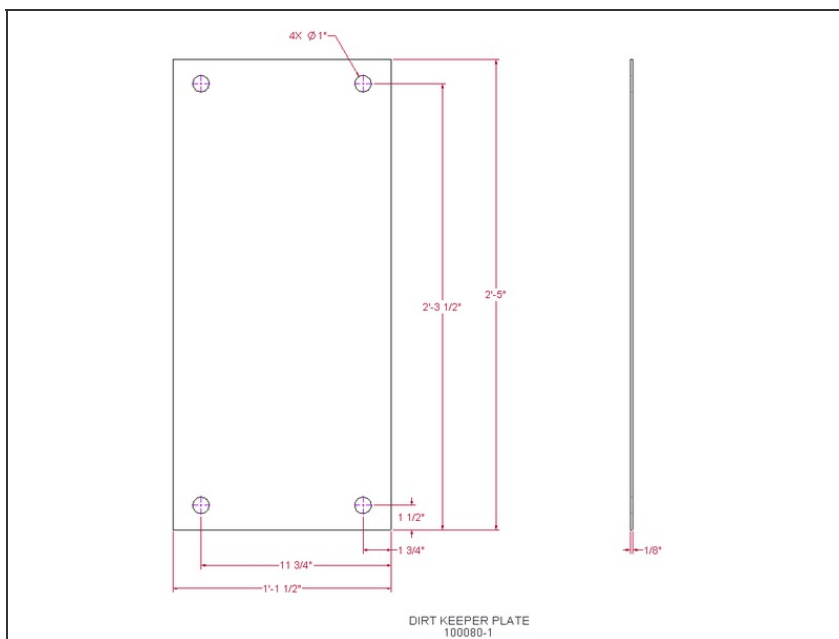
[Sketchup Model](#)

Step 1 — Make Brickholder Plate



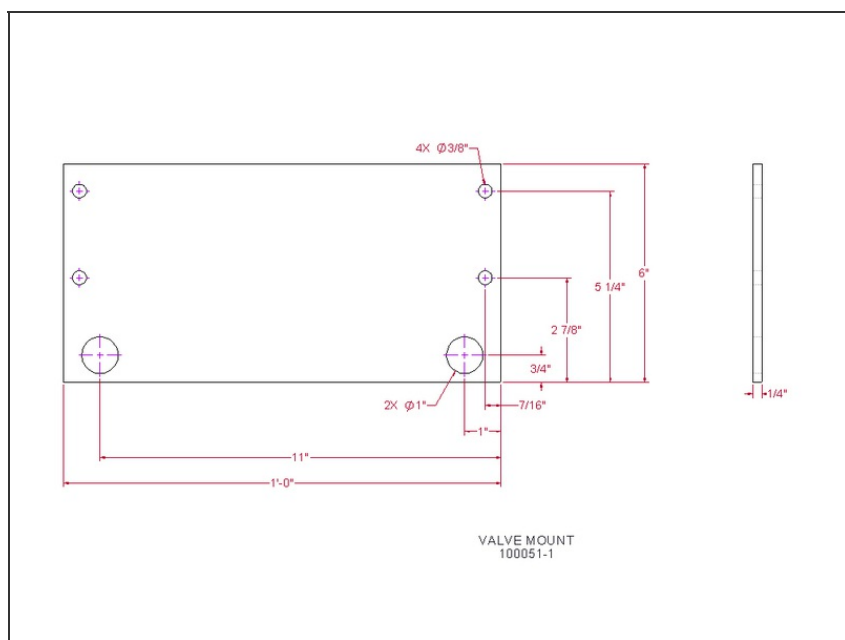
- Punch all holes.

Step 2 — Make Dirt-Keeper Plate



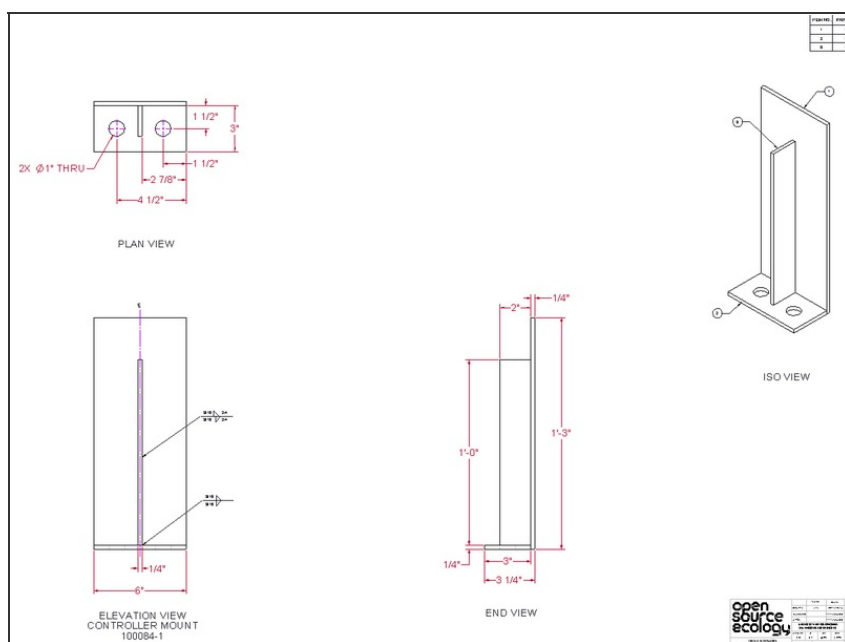
- Punch all holes

Step 3 — Make Valve Mount



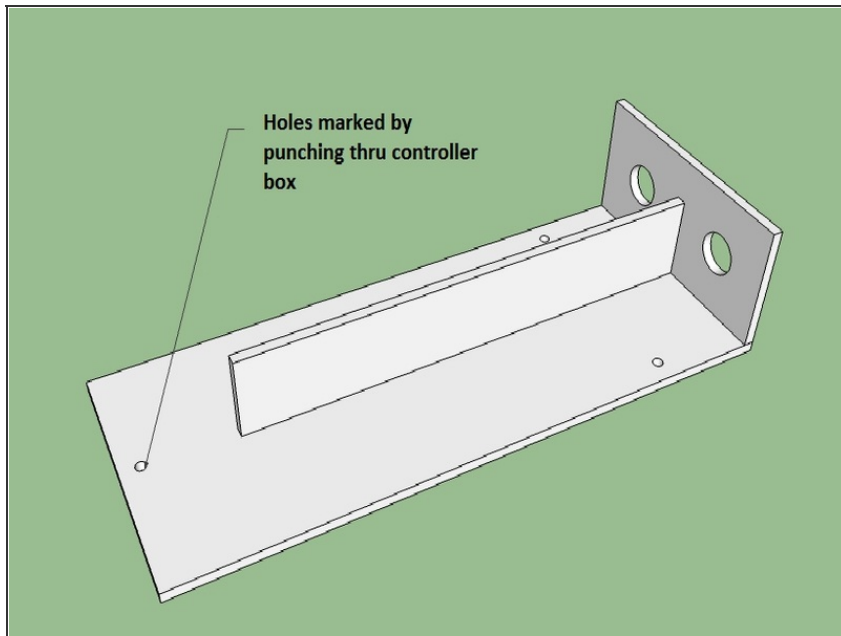
- Punch all holes, or drill if necessary.

Step 4 — Make Controller Plate



- Find your controller box and locate its mounting holes on the back.
- Place it on top of the 6x15 plate so it is square and the top hole is about 1/2" away from the top. Transfer punch the holes on the controller box to the plate.
- Drill those 1/4" holes.
 - You can drill them a little bigger (up to 5/16") if you'd like, as it's difficult to get the holes perfectly aligned.
- Punch the holes in the bottom piece.

Step 5



- Weld the bottom piece to the large plate.
- Make sure it's square
- Weld the flatbar on the back.
- Make sure it's square.

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